

Date: Wed, 19 May 93 18:06:20 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #608
To: Info-Hams

Info-Hams Digest Wed, 19 May 93 Volume 93 : Issue 608

Today's Topics:

3rd Party Vendors of HT batteries
Cellular to 902-928 Conversion
G5RV Peformance (was Don't get ripped off by a G5RV)
How's a Honda Accord w/50W VHF?
Intermod/spurious sigs a common HT problem?
Mac send & receive CW
MFJ HF Vertical Antenna (2 msgs)
Mobile antenna mount question
QSL Managing questions
Radio Shack 70cm HT? (3 msgs)
Ramsey SCA Kit and pro-2004?
YAHOO!! (Processing time update)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 May 93 18:24:00 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: 3rd Party Vendors of HT batteries
To: info-hams@ucsd.edu

In article <127348@netnews.upenn.edu>, yee@mipg.upenn.edu (Conway Yee)
wrote:
> I would like to extend this question. What about recommendations for
> 3rd party vendors of battery packs in general?

Conway-

Here is data on one such vendor:

E. H. Yost & Company
7344 Tetiva Road
Sauk City, Wisconsin 53583
Telephone (608)643-3194
FAX (608)643-4439

Not only do they have replacement battery packs, but they sell the inserts so you can rebuild your old ones.

I've seen other companies at the larger hamfests. Another such company is "TNR - Your Battery Store", located in Altamonte Springs, Florida. However, I don't have their address handy.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: 20 May 1993 00:04:54 GMT
From: [swrinde!zaphod.mps.ohio-state.edu!howland.reston.ans.net!
usenet.ins.cwru.edu!cleveland.Freenet.Edu!de786@network.UCSD.EDU](mailto:swrinde!zaphod.mps.ohio-state.edu!howland.reston.ans.net!usenet.ins.cwru.edu!cleveland.Freenet.Edu!de786@network.UCSD.EDU)
Subject: Cellular to 902-928 Conversion
To: info-hams@ucsd.edu

I have a Motorola 8800 series cell which i'd like to convert to the 902-928 amateur band. If anyone knows of a source for the technical data on the 8800 series or has a similar interest or knowledge of conversion could you post the data here. A full list of the "maintainance mode command" set would be a good start...
zeps@delphi.com/chuck.zeps@softnet.com/c.zeps@genie.geis.com

Date: Thu, 20 May 1993 00:46:51 GMT
From: pa.dec.com!nntpd2.cxo.dec.com!nuts2u.enet.dec.com!little@decwrl.dec.com
Subject: G5RV Performance (was Don't get ripped off by a G5RV)
To: info-hams@ucsd.edu

gary@ke4zv.uucp (Gary Coffman) writes:

>Every G5RV style antenna I've seen uses either 300 ohm or 450 ohm twin lead.
>I don't even recall seeing any 75 ohm open wire line. You might recalculate
>with that value.

I need to go track down Varney's original and revised writings. I'm finding a bunch of conflicting literature about this antenna and it's not clear if the conflicts were introduced by G5RV or by those describing his designs. The ARRL Antenna book says 75 ohm twin lead, Reflections say open wire feeder, I can't find my copy of the compendium to see what it says, and now you're saying 300 or 450 ohm twin lead. Zack Lau also contacted me because he thought the length was different. Has G5RV ever provided a mathematical description of his antenna?

I'll rerun those calculations but not right now. Too time consuming. I wish I understood Italian so I could use RFC.EXE, sigh.

73,
Todd
N9MWB

Date: 19 May 93 18:22:01 GMT
From: microsoft!wingnut!davidar@uunet.uu.net
Subject: How's a Honda Accord w/50W VHF?
To: info-hams@ucsd.edu

I came in on the end of this thread, but the topic seems to relate to a problem I am having with my 2m rig in my Nissan Maxima.

The rig is connected directly to the battery with 14 gauge wire. The antenna is mounted on the trunk lid. I am experiencing alternator whine, and I have tried everything to get rid of it. Apparently, it's most prevalent when the rig is receiving.

I have tried shielding the power cables from the rig to the battery. And I have tried various in-line filters, chokes, etc...No luck.

I have checked for good ground connections of the rig and the antenna.

What gives? Is there something inherent in Japanese cars that puts out noise that you can't get rid of?

Dave Arnold (KD6IFY)
davidar@microsoft.com

Date: 19 May 1993 16:45:06 -0700

From: techbook.com!techbook.com!not-for-mail@uunet.uu.net
Subject: Intermod/spurious sigs a common HT problem?
To: info-hams@ucsd.edu

Is it true that intermod and spurious signals are a common problem
on multiband handy talkies?
If so, how do some of the newer rigs perform?
Such as Yaesu FT-530, ICOM W21AT, Kenwood TH-78A.

Any information on this subject or others related to 2m/70cm HT
performance would be greatly appreciated.

It sure would be nice to buy the right rig the first time around!

Have any of the magazines done such a review?

73's
Gene
West Linn, Or.

--
Those who beat their swords into plowshares
are destined to plow for those who don't.
genew@techbook.COM
Please direct flames to: genew@ucant.gethere.frmhere

Date: 19 May 93 19:33:54 -0600
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!darwin.sura.net!news-feed-1.peachnet.edu!umn.edu!
msus1.msus.edu!vca@network.UCSD.EDU
Subject: Mac send & receive CW
To: info-hams@ucsd.edu

Does anyone know of a simple interface and program for the Mac that will
allow it to send and receive CW? The receive isn't that important, but I
am tired of keyers, bugs, and keys. I guess I have the original "glass arm."
:-)

73,
"VC" KC0EM

Date: Wed, 19 May 1993 21:14:01 GMT

From: usc!sol.ctr.columbia.edu!news.kei.com!ddsw1!chinet!megabyte@network.UCSD.EDU
Subject: MFJ HF Vertical Antenna
To: info-hams@ucsd.edu

In article <9305191522.AA20237@james.alhrg.wpafb.af.mil.alhrg.wpafb.af.mil>
dsharp@james.alhrg.wpafb.af.mil (Dave Sharp) writes:

>

>I am interested if anyone on the net has used or heard anything about the
>performance of MFJ's HF vertical antenna. I have restricted space at my

The last time I checked with MFJ, about 2 months ago, the vertical was
still, "Not being distributed yet".

If anyone has any more recent information, please post it. I too have
antenna restriction and if the MFJ lives up to half of its hype, it might
be a good deal.

--

"It is a pity that even a single drop of this noble
gift of God should be spilled" - J.S. Bach on wine
Mark E. Sunderlin: Technocrat in Winchester, VA KD4HRI
aka Dr. Megabyte: megabyte@chinet.chinet.com (703) 722-9330

Date: 20 May 93 00:19:41 GMT
From: ogicse!cs.uoregon.edu!news.uoregon.edu!
systems%ns.uoregon.edu@network.UCSD.EDU
Subject: MFJ HF Vertical Antenna
To: info-hams@ucsd.edu

All the reports I hear about these MFJ antennas are "not being distributed yet"
Both the vertical and the loop...whats the deal?? Why advertise a product
months before "distribution" This ain't some whiz-bangey software that
needs to be debuged and alpha/beta released to find hardware compatibility.
Are there more instances of this from other companies? Seems to me when I
first see an ad for a rig, it's available. It turns me right off as far as
buying their product (MFJ) and I'm thinking about getting a vertical.
Guess it'll be a GAP or R7.
Flame me if I'm wrong...

Jeff Hite KF7SZ
jeffh@ludwig.cc.uoregon.edu

Date: 19 May 93 16:49:53 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Mobile antenna mount question

To: info-hams@ucsd.edu

In article <1tbcu5\$ssi@pyrtech.mis.pyramid.com>,
andrem@pyrtech.mis.pyramid.com (Andre Molyneux) wrote:
> I'm trying to locate an antenna mount with the following attributes
> (if such a beast exists - I'm asking for a lot):

Andre-

I recall seeing a bracket that was mounted on a car's window, and fit into the channel at the top, when the window was closed. One version had a cellular antenna, but I think there was another that had a BNC connector to accept your handheld radio's antenna. This idea may be adaptable to your application.

I have used magnet-mounts, gutter clips and trunk-lid mounts. For me, the magnet mount has been the least damaging to the car, for long-term use. However, any of these methods have potential for some damage.

With the magnet mount, there is potential for damage to the co-ax where it enters the car. If a guest accidentally opens that door, and then closes it without positioning the cable, cable damage can occur.

One thing about a 400 MHz quarter wave magnet-mount antenna: it can be small and light, with the least potential for damage to the car.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Wed, 19 May 1993 15:41:32 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!torn!nott!
bnrgate!corpgate!brtph560!news@network.UCSD.EDU
Subject: QSL Managing questions
To: info-hams@ucsd.edu

Hi fellow neters,

I am a dual hobby kind'a guy. Besides being a Amateur Radio Operator I'm also a Philatelist (stamp collector in case you didn't know :-)). So... I was thinking. How could I combine the two? How about being a QSL manager for a DX'er or expeditioner (sp?)

Then I said "Wait a minute! What am I getting into here?"

So I'm asking you:

1. What are the duties of a QSL manager? How does the process work?
2. Any special skills or facilities needed?
3. What are the expenses of a QSL manager?
4. How does a HAM operator "recruit" his/her QSL manager? Are they hard to come by or is everyone lining up to be one?
5. How does one "volunteer" for such?

Thanks for the help.

Since the traffic on rec.radio.amateur.misc is pretty heavy, please email me directly. I'll summarize and post (anonymously if you like).

--

*John Hawkins --- Bell Northern Research, Research Triangle Park, NC USA *
*MaBell: (919)9918579 email:jhawkins@bnr.ca USnail:35 Davis Drive RTP,NC *

Date: 19 May 93 17:46:47
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!rphroy!link.ph.gmr.com!vbreault@network.UCSD.EDU
Subject: Radio Shack 70cm HT?
To: info-hams@ucsd.edu

In article <1te75b\$qs3@europa.eng.gtefsd.com> wwhitby@eng.gtefsd.com (Warren Whitby) writes:

What is Radio Shack's position on selling ham equipment to non-licensees? I am studying for my technician class license right now and would love to purchase their 2m HT that they have on sale so I can save some \$\$\$\$ (yes, I know I couldn't use it until I got my license.)

Warren Whitby

Their training manual makes a strong implication that a salesperson could be somehow breaking the law by selling amateur equipment to non licensed people. The correct answer on the test form is to refuse to sell it.

My advice....

Put it in lay-away. That will protect your purchase price and will be a STRONG incentive to complete your studies. If the salesperson is reluctant to sell it to you then perhaps you could get a licensed friend to put it in lay-away for you. Perhaps you'll come across a salesperson that hasn't been through that part of the training or has

forgotten the policy.

Good luck with the studies.

--

Val Breault - N80EF - vbreault@gmr.com \ /|
Instrumentation dept GM NAO R&D Center \ /|
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \ / |___

Date: Wed, 19 May 1993 20:51:03 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!noc.near.net!
squam.banyan.com!banyan.com!dts@network.UCSD.EDU
Subject: Radio Shack 70cm HT?
To: info-hams@ucsd.edu

In article <1te75b\$qs3@europa.eng.gtefsd.com>, wwhitby@eng.gtefsd.com (Warren Whitby) writes:

|> What is Radio Shack's position on selling ham equipment to non-licensees? I am studying for my technician class license right now and would love to purchase their 2m HT that they have on sale so I can save some \$\$\$\$ (yes, I know I couldn't use it until |> I got my license.)

|>

|> Warren Whitby

|>

Run out and buy it now. It is a good price. Radio Shack will sell to you, and to anyone else. If they did not, they could be sued for it. There is NO law against selling radio gear to unlicensed individuals.

I STRONGLY encourage people in my ham classes to buy a radio before their license shows up so that they can listen and get used to the style of operating on various local repeaters, and on the HF bands.

A license is only required by law to operate the TRANSMITTER of a rig. So when you buy your HT from RS, look up in the manual for the TX lockout. The rig has an option that can be set to disable the PTT (push to talk) switch, so that you will not accidentally transmit.

By the way, H.R.O. and all the other radio stores will also sell to you even if you do not have a license.

Welcome to the hobby and have LOTS of fun with it!

73,

Dan N1JEB

--

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-----  
Daniel Senie                Internet:    dts@banyan.com  
Banyan Systems, Inc.        Compuserve:  74176,1347  
508-898-1188                Packet Radio: N1JEB@WA1PHY.MA  
-----
```

Date: Thu, 20 May 1993 00:00:48 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!news.nd.edu!kummer!
rnimtz@network.UCSD.EDU
Subject: Radio Shack 70cm HT?
To: info-hams@ucsd.edu

In article <930518.224343.5e4.rusnews.w165w@garlic.sbs.com> system@garlic.sbs.com
(Tony Pelliccio) writes:

>William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:

>

>>>I wonder how much longer it'll be before they put out a dual-bander and

>>>a mobile. Obviously they're realizing that there's some money to be made

>>>on amateur gear. Can you imagine an HF rig from Radio Shack? Kind of

>>>scary really.

>>>Tony

>>

>> scary?

>>

>> don't know why. it would probably be a good thing to get reasonably good

>> communications grade equipment out in the public view for them to see. maybe

>

>The problem is, alot of Radio Shacks will sell to anyone. And that's

>what caused the demise of 2m in certain areas of the country.

>

>Tony

What makes Radio Shack different from any other retailer that sells ham radio gear? As far as I know, there is no requirement that a customer actually have a valid license in order to buy a transmitter. Perhaps as a good faith measure RS will ask to see a license before the purchase, of course, that would cut into their sales.

Rick Nimtz
N9TJG

Date: Wed, 19 May 1993 23:43:46 GMT

From: amdcad!angelo!clark@decwrl.dec.com
Subject: Ramsey SCA Kit and pro-2004?
To: info-hams@ucsd.edu

mcovingt@aisun3.ai.uga.edu (Michael Covington) writes:

>In article <MBRAMWEL.39.737648736@novell.business.uwo.ca>

MBRAMWEL@novell.business.uwo.ca (Mark_Bramwell) writes:

>>Last night I put together the Ramsey SCA tuner kit.

>>

>>Using a scope, I can see the proper signals on the tuner kit.

>>My problem is, I am not sure where to hook this up inside a pro-2004 scanner.

>>Has anyone tried this on a scanner, or another receiver?

>Does the Pro-2004 get the FM broadcast band?

>There is no reason to expect an SCA adapter to work on narrowband FM signals...

>in fact there is every reason to assume a subcarrier is not present,

>because there isn't the bandwidth for it.

>Or am I missing something?

The '2004, if it is like the pro-2006_ *WILL* receive FM Broadcast, with wide enough bandwidth to capture the SCA subcarrier. I know. I've (kinda) done it (not with FM B'cast, but with junk off satellite).

Brad // NP4AI

"Is there some other wise man we can talk to?" - MST3k/"Day the Earth Froze"

>--

>:- Michael A. Covington, Associate Research Scientist : *****

>:- Artificial Intelligence Programs mcovingt@ai.uga.edu : *****

>:- The University of Georgia phone 706 542-0358 : * * *

>:- Athens, Georgia 30602-7415 U.S.A. amateur radio N4TMI : ** *** ** <><

Date: Thu, 20 May 1993 00:09:16 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!news.nd.edu!kummer!
rnimtz@network.UCSD.EDU

Subject: YAHOO!! (Processing time update)

To: info-hams@ucsd.edu

In article <9305191647.AA21376@ucsd.edu> 4311@cpf.navy.mil (CDR Fred W. Brunson) writes:

>As it says in the subject line, YAHOO! I got my TECH ticket

>yesterday.

>
>For all you boys and girls that are also waiting, I took the test
>at the Koolau VEC session in Kaneohe on 20 March. The license
>was dated 11 May (7+ weeks) and took one week to arrive in the
>mail. Times are dropping slightly.
>
>
>73 Fred WH6ME

I tested on 19 March, license dated 11 May and received today 19 May.

Rick N9TJG

Date: Wed, 19 May 1993 23:24:30 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!news.yale.edu!
hilbert.chem.yale.edu!oswood@network.UCSD.EDU
To: info-hams@ucsd.edu

References <9305181722.AA26942@ucsd.edu>,
<930518.224343.5e4.rusnews.w165w@garlic.sbs.com>,
<VBREault.93May19163213@rinhp750.gmr.com>
Subject : Re: Radio Shack 70cm HT?

In article <VBREault.93May19163213@rinhp750.gmr.com>, vbreault@rinhp750.gmr.com
(Val Breault) writes:

|>
|> IMHO.... Amateur radio is a great hobby with many interesting facets.
|> It lacks, however, a strong political position and the price of new
|> equipment is higher than it would be if it were massively marketed.
|>
|> Selling amateur radio equipment and study guides through national chains
|> like Radio Shack can address both of those concerns.
|>
|> When the hobby is presented in a mainstream atmosphere it becomes viewed
|> as a mainstream hobby, not some kind of thing that fat, balding, middle
|> aged white men do in their basements late at night. When (if) it becomes
|> viewed as a mainstream hobby then more people will join as responsible
|> licensed amateur operators. More people == more political clout.
|>
|> [...]
|>
|> Hmmm.... Amateur radio was around half a century before the environmental
|> movement was even thought about, yet we still don't have any political
|> clout. (Okay, strictly speaking we have SOME political clout, but
|> possibly not enough to maintain our current allocations in the face of
|> large amounts of money from commercial concerns. Cripe! it's not

|> even enough to get the FCC a decent computer system for the license
|> database.)
|>

It seems that the amateur radio service had many more active young members and that there was a much greater availability of radio products made in this country and sold in accessible locations before incentive licensing began. This was all a bit before my time, and maybe I've been reading too much of W2NSD's ramblings, but the no-code technician license seems to have turned things around. We are now seeing radios available again in retail outlets, along with an explosive growth in the number of new hams.

As a side note, I took a tour of W1AW last week, and the gentleman giving the tour pointed out that ARRL membership is growing despite the poor economy. He seemed to think that this was related to positive outreach programs of the ARRL. While I am generally an ARRL supporter, it seems like more than coincidence that this growth is related to the influx of new hams with the change in licensing requirements.

Now I realize that a few old timers still think that such things as ham gear widely available in commercial outlets and the no-code technician license signal the end of the amateur radio service (yes, it is defined by the FCC as a service, not a hobby) as we know it. However, it seems that ham radio in this country was growing old and dying slowly until recently, and I can only look upon signs such as affordable rigs at Radio Shack as a good sign.

Mark C. Oswood N1NXW/AA oswood@psun.chem.yale.edu
 or moswood@biomed.bitnet

Date: 19 May 1993 21:48:53 GMT
From: boulder!tali.hsc.colorado.edu!wom.HSC.Colorado.EDU!debert@uunet.uu.net
To: info-hams@ucsd.edu

References <9305181722.AA26942@ucsd.edu>,
<930518.224343.5e4.rusnews.w165w@garlic.sbs.com>,
<VBREAULT.93May19163213@rinhp750.gmr.com>
Subject : Re: Radio Shack 70cm HT?

I hate to reveal my age (and length of time in the hobby) but I can recall seeing Ham Radio gear available in the Sears catalog. As a matter of fact I got a Hallicrafters for my birthday one year. My Mom bought it out of the Sears catalog.

Don't seem to remember it causing Ham Radio to become a General Masses Hobby simply because Sears sold the equipment.

Don't see why we now need to jump down Radio Shack's throat because they are trying to get some of our \$\$\$.

Was in HRO the other day and I didn't see one customer being asked to prove that they were licensed amateur operators prior to buying equipment!

73 - Dave

Date: Wed, 19 May 1993 19:02:31 GMT
From: news.acns.nwu.edu!casbah.acns.nwu.edu!lapin@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993May18.203254.12924@news.acns.nwu.edu>,
<1993May19.072323.1895@nntpd2.cxo.dec.com>, <15051@news.duke.edu>
Subject : Re: Signal report etiquette

In article <15051@news.duke.edu> jbs@ee.egr.duke.edu (Joe B. Simpson) writes:
>lapin@casbah.acns.nwu.edu (Gregory Lapin) writes:
>>
>>Has anyone else noticed that everyone gets 59 reports from DX stations?
>
>Oops. Am I breaking some sort of unwritten ham law? I just sent out my first
>8 QSL cards, and only one of them had "5x9" noted. Most of the rest were
>around 3x1. Will this insult the recipients? Guidance appreciated; I'm new
>to HF.
>
> -joe KD4LLV

Congratulations on your honesty! I also try to give honest reports and have been stuck at 95 countries confirmed for a long time :)

The hardest report to give is to the horrible tone CW signal - I wanted to give him a 566 but everyone else gave him a 599 that afternoon. I compromised: 568!

Greg KD9AZ

End of Info-Hams Digest V93 #608
